## Author Index

Arai, H., 83 Arita, H., 71

Bazan, N.G., 197 Brash, A.R., 291, 423

Capdevila, J.H., 325 Castresana, C., 363 Chen, X.-S., 303 Colangelo, V., 197

de León, I.P., 363 DeWitt, D.L., 129

Eguchi, N., 375 Ensor, C.M., 483 Evans, J.F., 587

Falck, J.R., 325 Frank Austen, K., 511 Funk, C.D., 303 Fürstenberger, G., 235

Garavito, R.M., 129 Grechkin, A.N., 457

Haeggström, J.Z., 495 Hamberg, M., 363 Hanasaki, K., 71 Howlett, A.C., 619

Ichikawa, A., 535 Ishii, S., 599

Johnson, E.N., 303

Katoh, H., 611

Kawai, N., 187 Kikuta, Y., 345 Kobayashi, T., 557 Krieg, P., 235 Kuban, R.J., 263 Kudo, I., 3, 383 Kuhn, H., 263 Kull, F., 495

Kulmacz, R.J., 409 Kusunose, E., 345 Kusunose, M., 345

Lam, B.K., 511 Langenbach, R., 177 Loftin, C.D., 177 Lukiw, W.J., 197

Malkowski, M.G., 129 Marks, F., 235 Marnett, L.J., 153 Morita, I., 165 Murakami, M., 3, 383 Murphy, R.C., 471

Nagase, T., 599 Nakatani, Y., 383 Narumiya, S., 557 Negishi, M., 611

Oliw, E.H., 313

Rådmark, O., 211 Rudberg, P.C., 495

Sanz, A., 363 Schneider, C., 291 Schuster, V.L., 633 Serhan, C.N., 433 Shimizu, T., 59, 575, 599 Smith, W.L., 1, 115 Song, I., 115

Tai, H.-H., 483 Takahashi, Y., 245 Tanabe, T., 95 Tanioka, T., 383 Tholander, F., 495

Sugimoto, Y., 535

Thunnissen, M.M.G.M., 495 Tiano, H.F., 177 Tijet, N., 423

Toda, A., 575 Tohnai, N., 95 Tong, M., 483 Tsuboi, K., 535

Tsuboi, K., 535 Tsuji, S., 187 Tsujii, M., 187

Ueda, N., 521 Uozumi, N., 59 Urade, Y., 375

Walther, M., 263 Wang, L.-H., 409 Watanabe, K., 401

Yamamoto, S., 1 Yan, F., 483 Yokomizo, T., 575 Yoshimoto, T., 245

Zarini, S., 471 Zhao, L., 303 Zhou, H., 483





ELSEVIER

Prostaglandins & other Lipid Mediators 68-69 (2002) 651-652

## Subject Index

Agonist, 619
Aldo-keto, 483
Aldo-keto reductase family, 401
Allene oxide, 423
Allergy, 375
Alzheimer's disease (AD), 197
Aminopeptidase, 495
Anandamide, 521
Anti-inflammation, 433
AP1, 197
Arachidonate 15-LOXs, 263
Arachidonic acid, 3, 115, 129, 211, 235, 245, 471, 535
Arachidonic acid (AA) cycle,

197 Arachidonic acid bioactivation, 325 2-Arachidonoylglycerol, 521

2-Arachidonylglycerol, 115 Aspirin, 115, 129, 153

Biological transport, 633 Brain membranes, 197

Cancer, 177 Cannabinoid receptors, 619 Carcinogenesis, 235 Carrier proteins, 633 Catalase, 423 Chromosome, 303 Clavulone, 423 Celebrex, 115 Colon cancer, 187 Conjugation, 511 Coral, 291, 423 COX-1, 165 COX-2, 165, 187 COX-2 selective inhibitors, 129 Crystal structure, 495 Crystallographic structure, 375 Cyclooxygenase, 95, 115, 129, 153, 177, 291

Cyclooxygenase pathway, 535 Cyclopentenone prostaglandin receptors, 611 CYP74, 423 CYP4A, 345 CYP4F, 345 Cysteinyl leukotriene, 587 Cytochrome P450, 325, 423 Cytosolic phospholipase, 59 Cytosolic phospholipase As

15-Deoxy-12,13-didehydro-14,15-didehydro-PGJ<sub>2</sub>, 611 Diarylheterocycle, 153 12,13-Didehydro-PGJ<sub>2</sub>, 611 α-Dioxygenase, 363 Disease models, 59 Divinyl ether synthase, 457 Drug binding, 129

(cPLA<sub>2</sub>), 197

Eicosanoid, 211
Eicosapentaenoic acid, 115
Eicosanoids, 3, 633
Eikosanoids, 263
Electron paramagnetic
resonance, 313
Endotoxic shock, 71
Epidermal lipoxygenase, 235
Epoxide hydrolase, 495

Fatty acid amide hydrolase, 521 Fatty acid binding, 129 Free radicals, 263 Function, 409 Fusion protein, 423

Gene, 409
Gene expression, 263
Gene knockout mice, 375
Gene-targeted mice, 59
Glutathione, 471

GPCR, 575

12R-HETE, 291 HETE, 291 Human, 303 Hydroperoxide, 313 Hydroperoxide lyase, 457 o-Hydroxylase, 345

Ibuprofen, 115 Inflammation, 177, 495, 511, 575 Intracellular signaling, 587 Intracellular signaling pathways, 599 Isoform, 177, 245 Isoprostane, 197 Isozyme, 95

Jasmonic acid, 423

Keratinocyte differentiation, 235 Kinetics, 153 Knockout mouse, 71, 165, 557

Leukocytes, 433
Leukotriene, 59, 211, 345, 495
Leukotriene B4, 575
Leukotriene C4, 511
Linoleic acid, 115
Lipid mediators, 71
5-Lipoxygenase, 211
15-Lipoxygenase, 245
Lipoxygenase genes, 303
12-Lipoxygenases, 245
Lipoxygenases, 245
Lipoxygenation, 313
R-LOX, 291

Marine invertebrates, 291 Mice, 177, 303

S-LOX, 291

- Molecular cloning, 633 Molecular enzymology, 263 Mutagenesis, 511
- NF-kB, 197 Non-steroidal anti-inflammatory drugs, 115, 129 Neuroinflammation, 197 NSAID, 153
- α-Oxidation, 363 Oxyeicosanoids, 471 Oxygenase, 363
- Pathogen-induced, 363 9α, 11β-PGF<sub>2</sub>, 401 Reroxidase, 115, 129 PGF<sub>2α</sub>, 401 PGF synthase, 401 Phospholipase A<sub>2</sub>, 3

- Phospholipase A<sub>2</sub> receptor, 71 Phospholipid mediator, 599 Physiological role, 325 Plants lipoxygenase pathway, 457
- Platelet-activating factor, 59, 197, 599
  Platelets, 433
  Plexaura homomalla, 423
  Presynaptic, 619
  Prostaglandin (PG), 59, 197, 345, 483, 557
  Prostaglandin D<sub>2</sub>, 375

Prostanoid receptors, 535, 557

Receptors, 587 Reductase, 401, 483 Reproduction, 177 Resolution mediators, 433

Psoriasis, 291

- Rofecoxib, 115
- Secretory phospholipase A<sub>2</sub>, 71 Short-chain dehydrogenases, 483 Signal transduction, 433 Signaling pathways, 95 Sleep, 375 STAT1, 197 Stereochemistry, 291 Structure, 409
- Thromboxane, 483 Thromboxane synthase, 409 Tobacco, 363 β-Trace, 375 Transcription, 575 Transgenic mice, 375
- X-ray structure, 129

